

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S54 8	604	(128/dig.12).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S54 5	617	(222/54).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S53 8	718	(222/541.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S55 2	113	(222/541.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S53 5	60	(222/541.4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S54 7	184	(222/541.5).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S54 3	697	(222/541.6).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S53 0	623	(424/408).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S54 2	749	(424/452-454).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S54 4	1062	(604/131).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S57 9	265	(604/132).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S54 1	135	(604/134).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S58 6	254	(604/135).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S53 4	2101	(604/20).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S52 4	463	(604/21).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53

## EAST Search History

S52 5	298	(604/288.01-288.04).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S54 6	611	(604/304).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S55 0	922	(604/890.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S52 8	809	(604/891.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S54 9	454	(604/892.1).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S52 6	713	(604/93.01).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S63 0	901	((shape\$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) same (fractur\$5 break\$6 ruptur\$6 separat\$6 punctur\$6 debonding) and ("422"/\$7.cccls. "600"/\$7.cccls. "601"/\$7.cccls. "602"/\$7.cccls. "603"/\$7.cccls. "604"/\$7.cccls. "605"/\$7.cccls. "606"/\$7.cccls. "607"/\$7.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S61 1	347	((shape\$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) same wire same expand\$6 same contract\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S63 7	42	((shape\$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) with (fractur\$5 break\$6 ruptur\$6 separat\$6 punctur\$6 debond\$4 tear\$4 stretch\$4 pierc\$4) same (intak\$4 admit\$4 sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S63 6	438	((shape\$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) with (intak\$4 admit\$4 sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S62 4	287	((shape\$2 near memory) not with atrophy) (sma not with (I atrophy))) and ((222/541.2).CCLS. (222/541.3).CCLS. (222/541.4).CCLS. (222/541.5).CCLS. (222/541.6). CCLS. (222/54).CCLS. (604/890.1). CCLS. (604/891.1).CCLS. (604/892.1).CCLS. (604/20).CCLS. (604/21). CCLS. (604/93.01).CCLS. (604/288.01).CCLS. (604/288.02).CCLS. (604/288.03).CCLS. (604/288.04). CCLS. (604/304).CCLS. (604/131). CCLS. (604/132).CCLS. (604/134). CCLS. (604/135).CCLS. (128/dig. 12).CCLS. (424/408).CCLS. (424/452).CCLS. (424/453).CCLS. (424/454).CCLS.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/21 14:53

## EAST Search History

S63 4	931	((shape\$2 near memory) not with atrophy) (sma not with (I atrophy))) same (wire spring ribbon thread) and (implant\$4.detx. implantable. ab. implantable.ti.) and (((shape\$2 near memory) not with atrophy) (sma not with (I atrophy))) same (releas\$6 \$2restrain\$6 stored)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S61 4	70	((shape\$2 adj memory) sma) same ((unthaw thaw unfrozen frozen frost temperature thermal) with indicator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S63 1	157	((shape\$2 adj memory) sma) same (temperature thermal\$4) and ("374"/\$7.ccls. "116"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S61 5	265	((shape\$2 adj memory) sma) same (two with way) and (substance drug delivery)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S62 2	145	((shape\$2 adj memory) sma) same (two with way) and hysteresis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S63 5	697	((shape\$2 adj memory) sma) same drug	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S61 8	546	((shape\$2 adj memory) sma) same resistive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S61 9	15	((shape\$2 adj memory) sma) same transdermal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S63 2	636	((shape\$2 adj memory) sma) with (two adj way)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53

## EAST Search History

S61 0	36	((shape\$2 near memory) sma nitinol (nickel near titanium)) and (116/216,221.ccls. 374/102,104, 105,106,187,205,206,207)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S62 9	41	((shape\$2 near memory) sma nitinol (nickel near titanium)) and (116/216,221.ccls. 374/102,104, 105,106,187,205,206,207)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S64 0	124	((shape\$2 near memory) sma nitinol (nickel near titanium)) and (A61K009/\$.ipc. A61M031/00.ipc. A61M037/00.ipc.)	EPO; JPO; DERWENT	OR	ON	2007/12/21 15:39
S62 7	68	((shape\$2 near memory) sma nitinol (nickel near titanium)) and (audibl\$5 sound audio) and ((222/541.2).CCLS. (222/541.3). CCLS. (222/541.4).CCLS. (222/541. 5).CCLS. (222/541.6).CCLS. (222/54).CCLS. (604/890.1).CCLS. (604/891.1).CCLS. (604/892.1). CCLS. (604/20).CCLS. (604/21). CCLS. (604/93.01).CCLS. (604/288. 01).CCLS. (604/288.02).CCLS. (604/288.03).CCLS. (604/288.04). CCLS. (604/304).CCLS. (604/131). CCLS. (604/132).CCLS. (604/134). CCLS. (604/135).CCLS. (128/dig. 12).CCLS. (424/408).CCLS. (424/452).CCLS. (424/453).CCLS. (424/454).CCLS.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/21 14:53
S64 2	167	((shape\$2 near memory) sma nitinol (nickel near titanium)) and (container capsule) and ((222/541. 2).CCLS. (222/541.3).CCLS. (222/541.4).CCLS. (222/541.5). CCLS. (222/541.6).CCLS. (222/54). CCLS. (604/890.1).CCLS. (604/891. 1).CCLS. (604/892.1).CCLS. (604/20).CCLS. (604/21).CCLS. (604/93.01).CCLS. (604/288.01). CCLS. (604/288.02).CCLS. (604/288. 03).CCLS. (604/288.04).CCLS. (604/304).CCLS. (604/131).CCLS. (604/132).CCLS. (604/134).CCLS. (604/135).CCLS. (128/dig.12).CCLS. (424/408).CCLS. (424/452).CCLS. (424/453).CCLS. (424/454).CCLS.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/21 16:28

## EAST Search History

S64 1	299	((shape\$2 near memory) sma nitinol (nickel near titanium)) and (drug substance medicin\$4) with (reservoir container capsule delivery) and ((222/541.2).CCLS. (222/541.3).CCLS. (222/541.4). CCLS. (222/541.5).CCLS. (222/541.6).CCLS. (222/54).CCLS. (604/890.1).CCLS. (604/891.1).CCLS. (604/892.1).CCLS. (604/20).CCLS. (604/21).CCLS. (604/93.01).CCLS. (604/288.01).CCLS. (604/288.02). CCLS. (604/288.03).CCLS. (604/288.04).CCLS. (604/304).CCLS. (604/131).CCLS. (604/132).CCLS. (604/134).CCLS. (604/135).CCLS. (128/dig.12).CCLS. (424/408).CCLS. (424/452).CCLS. (424/453).CCLS. (424/454).CCLS.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/21 16:23
S64 5	110	((shape\$2 near memory) sma nitinol (nickel near titanium)) and (self adj propels\$4 selfpropels\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 17:18
S61 7	352	((shape\$2 near memory) sma nitinol (nickel near titanium)) same (audibl\$5 sound audio)	US-PGPUB; USPAT	OR	ON	2007/12/21 14:53
S64 3	1187	((shape\$2 near memory) sma nitinol (nickel near titanium)) same (container capsule)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/21 17:05
S64 4	6	((shape\$2 near memory) sma nitinol (nickel near titanium)) same (self adj propels\$4 selfpropels\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 17:14
S64 6	1446	((shape\$2 near memory) sma nitinol (nickel near titanium)) same (travel\$4 propels\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 19:00
S60 6	71	(G01K005/00.ipc. G01K005/48.ipc. G01K005/5\$.ipc. G01K005/6\$.ipc. G01K005/8\$.ipc. ) and (shape\$2 near memory near (effect alloy element material))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S60 8	31	drug same capsule same dye and dye and ("422"/\$7.ccls. "600"/\$7.ccls. "601"/\$7.ccls. "602"/\$7.ccls. "603"/\$7.ccls. "604"/\$7.ccls. "605"/\$7.ccls. "606"/\$7.ccls. "607"/\$7.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53

## EAST Search History

S63 8	33	endothermic same (chemical substance material) same (color\$4 with chang\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S60 4	19	G01K011/.ipc. and (((shape\$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) same (fractur\$5 break\$6 ruptur\$6 separat\$6 punctur\$6 debonding)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S60 5	232	G01K011/.ipc. and (shape\$2 near memory near (effect alloy element material))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S63 9	32	G01K011/.ipc. and (shape\$2 near memory near (effect alloy element material)) and (((time temperature) with (history cummulative)) or time with temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/21 14:53
S62 1	18	indicator same fractur\$4 same sound	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/21 14:53
S63 3	17	temperature adj activated adj systems	US-PGPUB; USPAT	OR	ON	2007/12/21 14:53

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S56 1	15	("0640868"   "2183482"   "3840009"   "3923060"   "4239040"   "4312347"   "4313439"   "4326522"   "4425117"   "4439197"   "4457752"   "4564363"   "4714962").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S55 8	9	("1707762"   "3485235"   "4239040"   "4439197"   "4481952"   "4507115"   "5122128").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S56 7	9	("1707762"   "3485235"   "4239040"   "4439197"   "4481952"   "4507115"   "5122128").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S57 7	30	("20020072784"   "20020107470"   "20020119176"   "20020183721"   "20020187260"   "20030010808"   "20030036746"   "20030077440"   "20030158584"   "20030233862"   "20040043042"   "4198135"   "5059175"   "5167625"   "5366454"   "5368704"   "5443508"   "5797898"   "6114658"   "6123861"   "6247485"   "6491666"   "6527762"   "6551838"   "6656162"   "6708050"   "6730072"   "6808522").PN. OR ("6953455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S56 0	35	("2125419"   "2529644"   "3044665"   "3057537"   "3108722"   "3160319"   "3174851"   "3198740"   "3215311"   "3399806"   "3558369"   "3913326"   "4001928"   "4049151"   "4082678"   "4188304"   "4472939"   "4524078"   "4588080"   "4627986"   "4637944"   "4765916"   "4795032"   "4942973").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S55 7	8	("3057344"   "3118439"   "3528429"   "3844285"   "4077405").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S56 3	18	("3057344"   "3315660"   "3485235"   "3659600"   "3923969"   "4239040"   "4322398"   "4425117"   "4507115"   "4564363"   "4692147"   "4801459"   "4871351"   "4915949"   "4927511").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S57 8	12	("3093831"   "3118439"   "3279996"   "3315660"   "3419008"   "3485235").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53

## EAST Search History

S57 6	35	("3161502"   "3270100"   "3336155"   "3341466"   "3396117"   "3405070"   "3567650"   "3797494"   "3875074"   "4145187"   "4207315"   "4277364"   "4391909"   "4422970"   "4592753"   "4666441"   "4708716"   "4743249"   "4806355"   "4834978"   "4913905"   "4917676"   "5028435"   "5032403"   "5042975"   "5064422"   "5064654"   "5071704").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S55 4	6	("3485235"   "3606592"   "3659600"   "4439197").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S55 6	6	("3485235"   "3606592"   "3659600"   "4439197").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S55 3	5	("3485235"   "3606592"   "4360019").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S56 2	5	("3485235"   "3606592"   "4360019").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53

## EAST Search History

S56 8	134	( "3631847"   "3812843"   "3885662"   "4067000"   "4108177"   "4151845"   "4211998"   "4231019"   "4268150"   "4364385"   "4373527"   "4424720"   "4435173"   "4469481"   "4475901"   "4498843"   "4514732"   "4529401"   "4559033"   "4559037"   "4560979"   "4562751"   "4585439"   "4601707"   "4624661"   "4634427"   "4678408"   "4684368"   "4685903"   "4734092"   "4755173"   "4781688"   "4781693"   "4801957"   "4808161"   "4836752"   "4855746"   "4882600"   "4886499"   "4898579"   "4969874"   "4973998"   "5007458"   "5045871"   "5062841"   "5109850"   "5176662"   "5205819"   "5213483"   "5232439"   "5239326"   "5242406"   "5244463"   "5245447"   "5254096"   "5257980"   "5281202"   "5312337"   "5318540"   "5342313"   "5411480"   "5433710"   "5452033"   "5492534"   "5505709"   "5507288"   "5514096"   "5533389"   "5545152"   "5575770"   "5576781"   "5582593"   "5584813"   "5630710"   "5637095"   "5643213"   "5647853"   "5660728"   "5665065"   "5665070"   "5695490"   "5702363"   "5704520"   "5726404"   "5726751"   "5741228"   "5747350"   "5748827"   "5755682"   "5776103"   "5779676"   "5785681"   "5785688"   "5797881"   "5800397"   "5800405"   "5810015"   "5814020"   "5839467"   "5840063"   "5845218"   "5848991"   "5851197"   "5858001"   "5858005"   "5875393"   "5886647"   "5891097"   "5897530"   "5906597"   "5911716"   "5919167"   "5931814"   "5935099"   "5954058"   "5957890"   "5965848"   "5983094"   "5993423"   "5997501"   "6019747"   "6061580"   "6071292"   "6144847"   "6152898").PN. OR ("6363609"   "6375638"   "6485461"   "6520936"   "D303013"   "D306691"   "D311735"   "D315727"   "D405524").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
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## EAST Search History

S56 6	4	("3659600"   "4239040"   "4425117"   "4507115").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S57 4	6	("3659600"   "4239040"   "4425117"   "5167626"   "5217449"   "5279607").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S59 2	24	("3659600").URPN.	USPAT	OR	ON	2007/12/21 14:53
S57 1	7	("3677444"   "4692151"   "4820273"   "4904239"   "4909790"   "4915693"   "4969873").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S62 5	403	("374"/\$7.cccls. "116"/\$7.cccls. "340". clas.) and ((shape\$2 near memory) sma nitinol (nickel near titanium))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S55 5	4	("3797499"   "4523591"   "4603595"   "4874360").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S55 9	4	("3797499"   "4523591"   "4603595"   "4874360").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S62 3	212	("422"/\$7.cccls. "116"/\$7.cccls. "374"/\$7.cccls.) and time same temperature same history and color\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/21 14:53
S58 7	25	("4239040").URPN.	USPAT	OR	ON	2007/12/21 14:53
S56 5	14	("4326524"   "4425117"   "4585652"   "4838862"   "4976966"   "5151093"   "5170801"   "5217449"   "5368571"   "5874214"   "6059736"   "6142972"   "6217906"   "6349740").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S57 5	14	("4326524"   "4425117"   "4585652"   "4838862"   "4976966"   "5151093"   "5170801"   "5217449"   "5368571"   "5874214"   "6059736"   "6142972"   "6217906"   "6349740").PN.	USPAT	OR	ON	2007/12/21 14:53
S58 2	42	("4439197").URPN.	USPAT	OR	ON	2007/12/21 14:57
S58 4	42	("4439197").URPN.	USPAT	OR	ON	2007/12/21 14:53
S59 3	84	("4507115").URPN.	USPAT	OR	ON	2007/12/21 14:53

## EAST Search History

S59 6	84	("4507115").URPN.	USPAT	OR	ON	2007/12/21 14:53
S57 2	3	("4801553"   "5543114"   "5665398").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/21 14:53
S58 3	143	("4950258").URPN.	USPAT	OR	ON	2007/12/21 14:53
S59 7	143	("4950258").URPN.	USPAT	OR	ON	2007/12/21 14:53
S57 0	1	("5,045,064").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S59 5	24	("5045064").URPN.	USPAT	OR	ON	2007/12/21 14:53
S58 1	25	("5167626").URPN.	USPAT	OR	ON	2007/12/21 14:53
S59 4	25	("5167626").URPN.	USPAT	OR	ON	2007/12/21 14:53
S58 0	50	("5170801").URPN.	USPAT	OR	ON	2007/12/21 14:53
S59 1	12	("5176275").URPN.	USPAT	OR	ON	2007/12/21 14:53
S58 8	32	("5196002").URPN.	USPAT	OR	ON	2007/12/21 14:53
S59 8	17	("5217449").URPN.	USPAT	OR	ON	2007/12/21 14:53
S59 0	30	("5405614").URPN.	USPAT	OR	ON	2007/12/21 14:53
S58 5	6	("5843700").URPN.	USPAT	OR	ON	2007/12/21 14:53
S58 9	6	("6632216").URPN.	USPAT	OR	ON	2007/12/21 14:53
S56 9	3	((("20040939420") or ("6953455") or ("20050186273") or ("20050055014")).PN.	US-PGPUB; USPAT	OR	OFF	2007/12/21 14:53
S56 4	10	((("5405614") or ("5167626") or ("5176275") or ("4664056") or ("2601440") or ("5207666") or ("5821664") or ("5217449") or ("4439197") or ("4627850")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/12/21 14:53
S57 3	5	((("5618269") or ("6375638") or ("5919167") or ("6632216") or ("6474360")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53

## EAST Search History

S60 3	5	((("Cited_in_parent_folder_FR") or ("2619731") or ("Cited_in_parent_folder_JP_not_found") or ("H1-188799")).PN.	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/21 14:53
S60 2	1	((("Family_equivalent_to_EP_462508") or ("5178609")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53
S62 6	47	((("Original_search_corrupted") or ("Cited_in_patent_6682521") or ("1622545") or ("1625014") or ("2125419") or ("2460215") or ("2866338") or ("2953921") or ("2966261") or ("3214278") or ("3291617") or ("3440997") or ("3483752") or ("3516082") or ("3559839") or ("3734348") or ("4114559") or ("4165359") or ("4280361") or ("4439197") or ("4507115") or ("4522147") or ("4539929") or ("4664056") or ("4872584") or ("4896728") or ("5076197") or ("5147351") or ("5167626") or ("5176275") or ("5335994") or ("5443851") or ("5460117") or ("5487484") or ("5531180") or ("5735607") or ("5843700")).PN. or (2002/0055717).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/21 14:53